

Reviewer #1:

**Specific Comments to Authors:** Good description and follow up

Line 45- 47 At final follow up – kindly mention duration for clarity also At the final follow-up, the patient was satisfied with postoperative function, and the radiographs showed no loosening of the prosthesis and the bone splints healed well with femur. change splints to grafts , postoperative - satisfactory - mention ROM and score

**Revised:** At the final follow-up of 27 months after revision, the patient was satisfied with postoperative knee functions with satisfactory range of motion (104°) and Hospital for Special Surgery knee score (82 points). The radiographs showed no loosening of the prosthesis and that the bone grafts healed well with the femur.

Line 79,81 Please change 3 d to days **Changed**

Line 87 Internal fixation materials - please change to implants **Changed**

Line 89-90 did not respond unsatisfactory effect kindly clarify and make sentence clear

**Revised:** In April 2019, the patient suffered PJI of the right knee with a sinus formation and was treated with antibiotic suppression; **however, the infection did not improve.**

Line 200-203 In addition, a cemented femoral stem was used instead of cementless one in revision, because a fully long cementless stem could not be implanted due to the radian of femur and large defect of pervious fracture. In the meantime, the cemented one could force the proximal and distal of femoral fracture become a stable whole Please clarify usage of radian and whole in this sentence

**Revised:** In addition, a cemented femoral stem was used instead of cementless one during the revision, because a fully long cementless stem could not be implanted due to the anterior femoral curvature and large defect of the previous fracture. Meanwhile, the cemented one could stabilize the proximal and distal of femoral fracture.

Redo for clarity needs modification of the manuscript - extensive language editing and the sentences need to be modified to improve clarity and provide a clear message good follow up and data needs to be done better

English editing and minor modification of the manuscript has been done.

Reviewer #2:

**Specific Comments to Authors:** 1. There are still many grammatical errors. Please get this manuscript to be re-reviewed for language editing.

English editing and minor modification of the manuscript has been done.

2. The title is too long and inefficient

**Revised:** Treatment of periprosthetic knee infection and coexistent periprosthetic fracture: A case report and literature review

3. Core tip --> Where is the tip? Please describe, so that the reader can understand your article by simply reading the core tip.

**Revised:** Periprosthetic joint infection (PJI) and periprosthetic fracture (PPF) are among the most serious complications of knee arthroplasty. A two-stage revision surgery should be progressively performed in the treatment of PJI and coexistent PPF with bone loss. In the first-stage operation, a T-shaped cement spacer made from a rectangular vancomycin laden cement block and a cement coated plate was used after debridement. In the second-stage operation, the combination of cemented prosthesis and freeze-dried cortical allogenic splints were used for knee revision and fixation of PPF. Our approach offers an option for successful treatment of PJI and PPF.